

CLAIMS

1. A process for removal of SO_2 in off-gases having a temperature of 30-150°C and containing 0.001-1 vol% SO_2 in which the SO_2 is oxidised to H_2SO_4 by spraying an aqueous solution of H_2O_2 into the off-gas upstream of an aerosol filter removing the produced sulphuric acid from the off-gas.
- 10 2. A process as in claim 1, in which the off-gas is cooled by evaporation of the water comprised in the solution being sprayed into the off-gas upstream of the filter.
- 15 3. A process as in claim 1, in which a wet electrostatic separator is used in place of an aerosol filter.